Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_ = \_\_\_\_\_\_ %

Teacher/Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 35

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Expressions and Variables Quiz A Retake**

**Part I**- Translate each word phrase into a ***numerical expression.***

|  |  |
| --- | --- |
| **Word Phrase** | **Expression** |
| 1. The quotient of 55 and 5 |  |
| 1. The sum of 18 and 3 |  |
| 1. 12 more than the product of 8 and 7 |  |

**Part II-** Translate each word phrase into an ***algebraic expression***.

|  |  |
| --- | --- |
| **Word Phrase** | **Expression** |
| 1. k decreased by by 12 |  |
| 1. 85 divided into m groups |  |
| 1. Ms. Pike had 2 more hours of sleep than Mrs. Minera last night. |  |

**Part IV-** Selected Response. – Choose **one** to complete.

1. Choose the **two** expressions below that result 20 when n = 5 (hint: evaluate each expression below to be sure)
2. 30 – 2 x n
3. n + 2 x 10
4. 20 – n
5. 15 + n
6. Which expression below equals 30 when m = 3 (hint: evaluate each expression below to be sure)
7. 27 - m
8. m + 23 + 4

Show your work here for the problem you choose.

|  |  |
| --- | --- |
| a. | b. |
| c. | d. |

1. 2 x (m + 12 )
2. m x (12 + 2)

**Part III-** Evaluate each expression for the given values. Show all of your work. Choose **three** to complete.

|  |  |
| --- | --- |
| 1. Evaluate 5 + 3t for t = 12 | 1. Evaluate 4 x m + 5 + z for m= 5 and z = 3 |
| 1. Evaluate x + 5 + y for x = 15 and y = 4 | 1. Evaluate 25 + x – 12 for x = 3 |
| 1. Evaluate 7a – 35 for a = 8 ]nrhghgfyter`` xexgfwsdxtazvrex4R32R4E4R3EWA | 4 |